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pAd.MLP or pAd.VA1.

14. A composition according to Claim 11, wherein the vector is Ad.RSV.aVEGF or Ad.VA1.aVEGF.

15. A composition according to any one of Claims 10 to 14, wherein the vector also comprises a polyadenylation signal sequence.

16. A composition according to Claim 15, wherein the polyadenylation signal sequence is the SV40 signal sequence.

17. A method of treatment of a pathological condition in a subject in need of such treatment, comprising the step of administering an effective dose of a composition according to any one of Claims 1 to 16 to said subject.

18. A method according to Claim 17, in which the composition is administered systemically by injection.

19. A method according to Claim 17, in which the composition is administered topically.

20. A method according to Claim 17, in which the composition is administered directly into the tissue to be treated.

21. A method of preparing a composition according to any one of Claims 1 to 16, comprising the step of binding a nucleic acid or vector to a hyaluronic acid or a derivative thereof, and isolating the thus-formed complex.

22. A composition for treatment of a retinal disease mediated by abnormal vascularization comprising

a) an anti-sense nucleic acid sequence directed against vascular endothelial growth factor (VEGF), and

b) hyaluronic acid,

together with a pharmaceutically-acceptable carrier.

23. A composition according to Claim 22, in which the anti-sense nucleic acid sequence is present in a vector comprising a nucleic acid sequence to be transferred into a target cell.

24. A composition according to Claim 23, in which the vector is a virus.

25. A composition according to Claim 24, in which the virus is an adenovirus, an adeno-associated virus, a herpes virus or a retrovirus.
26. A composition according to Claim 24 or Claim 25, in which the viral vector is a replication-defective recombinant virus.
27. A composition according to Claim 26, where the virus is a replication-defective adenovirus comprising a promoter selected from the group consisting of respiratory syncytial virus promoter, cytomegalovirus promoter, adenovirus major late protein (MLP), VA1 pol III and b-actin promoters.
28. A composition according to Claim 27, wherein the vector is pAd.RSV, pAd.MLP or pAd.VA1.
29. A composition according to Claim 27, wherein the vector is Ad.RSV. $\alpha$ VEGF or Ad.VA1. $\alpha$ VEGF.
30. A composition according to any one of Claims 1 to 29, wherein the vector also comprises a polyadenylation signal sequence.
31. A composition according to Claim 30, wherein the polyadenylation signal sequence is the SV40 signal sequence.
32. A composition for treatment of a retinal disease mediated by abnormal vascularization, comprising an anti-sense nucleic acid sequence corresponding to at least a part of the sequence encoding VEGF, and optionally further comprising one or more adjuvants for increasing cellular uptake, together with a pharmaceutically-acceptable carrier.
33. A composition according to Claim 32, wherein the anti-sense sequence has 100% complementarity to a corresponding region of the gene encoding VEGF.
34. A composition for short-term treatment according to Claim 32 or Claim 33, wherein the anti-sense sequence is 16 to 50 nucleotides long.
35. A composition for short-term treatment according to Claim 34, wherein the anti-sense sequence is 16 to 22 nucleotides long.
36. A composition for short-term treatment according to Claim 35, wherein the anti-sense sequence is 16 to 19 nucleotides long.

37. A composition according to Claim 33, wherein a modified oligonucleotide as herein defined is used, and the anti-sense sequence is 7 to 50 nucleotides long.

38. A composition according to any one of Claims 32 to 37 wherein the adjuvant is hyaluronic acid or a derivative thereof.

39. A composition for long-term treatment of a retinal disease mediated by abnormal vascularization, comprising a recombinant virus comprising an anti-sense nucleic acid sequence corresponding to at least part of the sequence encoding VEGF, together with a pharmaceutically-acceptable carrier, wherein the anti-sense sequence is between 20 nucleotides in length and the full length sequence encoding VEGF.

40. A composition according to Claim 39, wherein the anti-sense sequence is between 50 nucleotides long and the full length sequence of VEGF.

41. A composition according to any one of Claims 1 to 40, wherein the VEGF sequence is that of VEGF from human retinal pigment epithelial cells or choroidal endothelial cells.

42. A composition for treatment of a retinal disease mediated by abnormal vascularization, wherein said treatment is effective for an indefinite period, comprising a virus comprising an anti-sense DNA corresponding to at least part of the sequence encoding VEGF, together with a pharmaceutically-acceptable carrier, wherein said virus is one capable of integrating the anti-sense sequence into the genome of the target cell.

43. A composition according to Claim 42, wherein the virus is an adeno-associated virus.

44. A composition according to Claim 42 or Claim 43, wherein the anti-sense sequence is between 20 nucleotides long and the full length sequence of VEGF.

45. A composition according to Claim 44, wherein the anti-sense sequence is between 50 nucleotides long and the full length sequence of VEGF.

46. A method of treatment of a retinal disease mediated by abnormal neovascularization, comprising the step of administering an effective amount of an anti-

sense nucleic acid sequence corresponding to at least part of the sequence encoding VEGF into the eye(s) of a subject in need of such treatment, thereby to inhibit neovascularization.

47. A method according to Claim 46, wherein the anti-sense sequence is 16 to 50 nucleotides long.

48. A method according to Claim 46, wherein the anti-sense sequence is 16 to 22 nucleotides long.

49. A method according to Claim 46, wherein the anti-sense sequence is 16 to 19 nucleotides long.

50. A method according to Claim 46, wherein a modified oligonucleotide as herein defined is used, and the anti-sense sequence is 7 to 50 nucleotides long.

51. A method of treatment of a retinal disease mediated by abnormal neovascularization, comprising the step of administering an effective amount of a composition according to any one of Claims 22 to 45 to a subject in need of such treatment.

52. A method of treatment of a retinal disease mediated by abnormal neovascularization, comprising the step of administering a composition according to any one of Claims 39 to 41 to the eye(s) of a subject in need of such treatment, thereby to inhibit neovascularization in the long term.

53. A method of treatment of a retinal disease mediated by abnormal neovascularization, comprising the step of administering an effective amount of a composition according to Claims 42 to 45 into the eye(s) of a subject in need of such treatment, thereby to inhibit neovascularization for an indefinite period.

54. A method according to any one of Claims 46 to 53, wherein the retinal disease is selected from the group consisting of age-related macular degeneration, diabetic retinopathy, branch or central retinal vein occlusion, retinopathy of prematurity, rubeosis iridis and corneal neovascularization.

55. A method of promoting uptake of an exogenous nucleic acid sequence by a target cell, comprising the step of exposing the cell to the nucleic acid, or to a virus

or vector comprising the nucleic acid, in the presence of a hyaluronic acid or a derivative thereof.

56. A method according to Claim 55, in which the target cell is a phagocytic cell.

57. A method according to Claim 55 or Claim 56, in which the nucleic acid and hyaluronic acid are administered together *in vitro*.

58. A method according to Claim 55 or Claim 56, in which the nucleic acid and hyaluronic acid are administered together *in vivo*.

58. A method according to Claim 55 or Claim 56, in which the nucleic acid and hyaluronic acid are administered together *in vivo*.

58. A method according to Claim 55 or Claim 56, in which the nucleic acid and hyaluronic acid are administered together *in vivo*.

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